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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET 1 of 4

COMPLETE IF KNOWN

Application Number	10/736,275
Confirmation Number	
Filing Date	December 15, 2003
First Named Inventor	Michael Douglas Hill
Group Art Unit	
Examiner Name	
Attorney Docket Number	8284D

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
SDM		US- 1,536,533	05/05/1925	Sheehan	
SPM		US- 1,716,866	06/11/1929	Sherman	
SPM		US- 3,034,180	05/15/1962	Greiner et al.	
SPM		US- 3,240,657	03/15/1966	Hynek	
SPM		US- 3,322,617	05/30/1967	Osborne	
SPM		US- 3,350,260	10/31/1967	Johnson	
BDM		US- 3,549,742	12/22/1970	Benz	
SKM		US- 3,834,983	09/10/1974	Conway et al.	
SJM		US- 3,994,771	11/30/1976	Morgan, Jr. et al.	
SLM		US- 4,208,459	06/17/1980	Becker et al.	
SLM		US- 4,514,345	04/30/1985	Johnson et al.	
SPM		US- 4,528,239	07/09/1985	Trokhann	

FOREIGN PATENT DOCUMENTS

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SKM		EP 1 217 106 A1	06/26/2002	Humatro Corporation		
SLM		GB 2 254 288 A	10/07/1992			
SPM		WO 91/14558	10/03/1991			
SPM		WO 99/14425	03/25/1999			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	CITE NO. ¹	INCLUDE NAME OF THE AUTHOR (IN CAPITAL LETTERS), TITLE OF THE ARTICLE (WHEN APPROPRIATE), TITLE OF THE ITEM (BOOK, MAGAZINE, JOURNAL, SERIAL, SYMPOSIUM, CATALOG, ETC.), DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, CITY AND/OR COUNTRY WHERE PUBLISHED	T ⁶
SLM		PCT International Search Report for PCT/US01/50472; date of mailing 09/12/2002	
EXAMINER	Mohamedulla	DATE CONSIDERED	8/23/04

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		Attorney Docket Number	8284D
SHEET	2 of 4		

U. S. PATENT DOCUMENTS

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SKH		US- 4,529,480	07/16/1985	Trokhan	
SPN		US- 4,541,895	09/17/1985	Albert	
SKH		US- 4,637,859	01/20/1987	Trokhan	
SKH		US- 4,740,409	04/26/1988	Lefkowitz	
SKH		US- 5,066,532	11/19/1991	Gaisser	
SKH		US- 5,077,116	12/31/1991	Lefkowitz	
SPN		US- 5,098,522	03/24/1992	Smurkoski et al.	
SPN		US- 5,245,025	09/14/1993	Trokhan et al.	
SPN		US- 5,260,171	11/09/1993	Smurkoski et al.	
SPN		US- 5,275,700	01/04/1994	Trokhan	
SPN		US- 5,328,565	07/12/1994	Rasch et al.	
SPN		US- 5,330,604	07/19/1994	Allum et al.	
SPN		US- 5,334,289	08/02/1994	Trokhan et al.	
SPN		US- 5,364,504	11/15/1994	Smurkoski et al.	
SPN		US- 5,429,686	07/04/1995	Chiu et al.	
SPN		US- 5,431,786	07/11/1995	Rasch et al.	
SPN		US- 5,462,642	10/31/1995	Kajander	
SPN		US- 5,496,624	03/05/1996	Stelljes, Jr. et al.	
SPN		US- 5,500,277	03/19/1996	Trokhan et al.	
SPN		US- 5,514,523	05/07/1996	Trokhan et al.	
SPN		US- 5,527,428	06/18/1996	Trokhan et al.	
SPN		US- 5,529,664	06/25/1996	Trokhan et al.	

FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

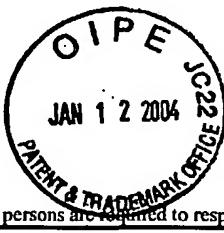
EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER	Mohamedulla	DATE CONSIDERED	8/23/04

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SHEET 3 of 4

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Attorney Docket Number	8284D

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SM		US- 5,549,790	08/27/1996	Phan	
SM		US- 5,554,467	09/10/1996	Trokhman et al.	
SM		US- 5,556,509	09/17/1996	Trokhman et al.	
SM		US- 5,566,724	10/22/1996	Trokhman et al.	
SM		US- 5,580,423	12/03/1996	Ampulski et al.	
SM		US- 5,609,725	03/11/1997	Phan	
SM		US- 5,624,790	04/29/1997	Trokhman et al.	
SM		US- 5,628,876	05/13/1997	Ayers et al.	
SM		US- 5,629,052	05/13/1997	Trokhman et al.	
SM		US- 5,637,194	06/10/1997	Ampulski et al.	
SM		US- 5,672,248	09/30/1997	Wendt et al.	
SM		US- 5,674,663	10/07/1997	McFarland et al.	
SM		US- 5,679,222	10/21/1997	Rasch et al.	
SM		US- 5,693,187	12/02/1997	Ampulski et al.	
SM		US- 5,709,775	01/20/1998	Trokhman et al.	
SM		US- 5,714,041	02/03/1998	Ayers et al.	
SM		US- 5,718,806	02/17/1998	Trokhman et al.	
SM		US- 5,741,402	04/21/1998	Trokhman et al.	
SM		US- 5,744,007	04/28/1998	Trokhman et al.	
SM		US- 5,746,887	05/05/1998	Wendt et al.	

FOREIGN PATENT DOCUMENTS

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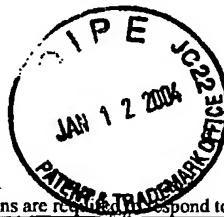
EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
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SKH		US- 5,776,311	07/07/1998	Trokhman et al.	
SKH		US- 5,795,440	08/18/1998	Ampulski et al.	
SKH		US- 5,814,190	09/29/1998	Phan	
SKH		US- 5,817,377	10/06/1998	Trokhman et al.	
SKH		US- 5,820,730	10/13/1998	Phan et al.	
SKH		US- 5,846,379	12/08/1998	Ampulski et al.	
SKH		US- 5,885,421	03/23/1999	Ensign et al.	
SKH		US- 5,893,965	04/13/1999	Trokhman et al.	
SKH		US- 5,900,122	05/04/1999	Huston	
SKH		US- 5,914,202	06/22/1999	Nguyen et al.	
SKH		US- 5,948,210	09/07/1999	Huston	
SKH		US- 5,954,097	09/21/1999	Boutilier	
SKH		US- 5,972,813	10/26/1999	Polat et al.	
SKH		US- 6,017,417	01/25/2000	Wendt et al.	
SKH		US- 6,039,839	03/21/2000	Trokhman et al.	
SKH		US- 6,165,585	12/26/2000	Trokhman	
SKH		US- 6,398,910 B1	06/04/2002	Burazin et al.	
SKH		US- 6,436,240 B1	08/20/2002	Jeffrey	

FOREIGN PATENT DOCUMENTS

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